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On the Foundations and Technic of Arithmetic. By GEORGE BRUCE HALSTEAD. Chicago: Open Court Publishing Co. Pp. 133. \$1.00.

This book gives an account of the origin, foundations, meaning and aim of arithmetic, and teachers of that subject will find it interesting and profitable reading.

Non-Euclidean Geometry. By ROBERTO BONOLA. Translated into English by H. S. CARSLAW. Chicago: Open Court Company. Pp. 268. \$2.00.

This work is a critical and historical study of the development of the subject and one that will be welcomed by teachers of geometry who desire to know more of this most interesting field. The treatment is clear and concise and there are a large number of references which add to the value of the book.

To Jerusalem Through the Land of Islam. By MADAME HYACINTHE LOYSON. Chicago: Open Court Publishing Co. Pp. 325. \$2.50 net.

The disturbed conditions in the Orient today make this a very timely volume. The author's sympathetic viewpoint enables her to see much that was good and noble in the Jews and Moslems which would have escaped the prejudiced traveler. It is not only interesting reading but is full of information about these peoples. The illustrations are numerous and good.

Extemporaneous Speaking. By PAUL M. PEARSON and PHILIP M. HICKS. New York: Hinds Noble and Eldridge. Pp. 268. \$1.25.

"Leadership is the reward of the man who possesses the power of effective speech," and this book is a working text for accomplishing this end. The first part (58 pages) is devoted to the elements and principles and the remainder of the book to a wide range of speeches for study. A careful perusal of its pages will certainly help those who desire to speak with force and effectiveness.

Radioactive Substances and their Radiations. By E. RUTHERFORD. Cambridge: University Press; G. P. Putnam's Sons, American representatives. Pp. 699. \$4.50 net.

This is not a new edition of the author's earlier work on radioactivity, but a new volume giving an accurate and concise account of the whole subject as it is known today. Those who desire the latest word in this field will find it given here by one of the most active investigators and authorities in the world on the subject.

Studying the Short-Story. By J. BERG ESENWEIN. New York: Hinds Noble and Eldridge. Pp. 438. \$1.25 net.

The tendency of the age is to find out scientifically all that may be known about all things, and it is no matter for surprise that the short-

story, the most widely read literary form today, should at last be brought into the laboratory and subjected to exhaustive analysis. It is remarkable, however, how entertaining such a penetrating study can be made, as is shown in *Studying the Short-Story*, a new work from the literary laboratory of Dr. Berg Esenwein, the Editor of Lippincott's Magazine.

Sixteen stories are transplanted bodily for this experiment course.

The most striking feature of the book is this: In each group the short-stories are printed with wide margins. The first story has all its secrets worked out by the editor. The open pages of the second story invite the aspiring pencil to do as well in the way of analysis and notes!

Each of the eight sections contains also references for further reading, a list of ten representative stories of that particular type, together with the names of the books that contain them, and a series of stimulating questions which serve to quicken the observation of the reader.

A Text-book of Mathematics and Mechanics. By CHARLES A. A. CAPITO. London: Charles Griffin & Company; Philadelphia: J. B. Lippincott Co. Pp. 398. \$4.00 net.

This book has been written primarily for students in technical and engineering courses and covers analytical geometry, calculus and mechanics. The analytical geometry covers sixty four pages and treats of the straight line, circle, parabola, ellipse, and hyperbola separately and then shows that they all belong to the one category—the conic section. The calculus part covers one hundred and five pages and treats of the usual topics in a course for engineers. The mechanics part includes a rather comprehensive course not omitting vectors, hydromechanics, pneumatics, etc.

It is interesting to see how soon the author gets at the essentials for the technical and engineering student. No time or space is wasted on side issues and the whole ground covered keeps steadily to the requirement of usefulness to the student. The author seems to have produced a very clear and carefully written work.